BRUHAT BANGALORE MAHANAGARA PALIKE

MEASUREMENT SHEET

RA 1ST AND FINAL BILL

Name of work: Construction of Drain and Improvements of Culverts at Hebbal Sarovara Layout in Ward No. 08, Kodigehalli.

Estimated Cost : Rs. 40.00 Lakhs

Job Code: 008-18-000072

Head of Account : P-1771

Name of Agency: Sri N.M Shivakumar, # 07, 2nd Block, Juganahalli, Rajajinagara, Bangalore - 10.

Work order No: BBMP/EE/BTP/WO/204/2019-20 Dated: 14-02-2020.

Date of Recording: 23-07-2020

Sl. No	Description	No.	L	B	D	Qty	Unit / Rate	Amount
1	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.						Cum	
	Qty as per Premeasurement Recorded vide E-Bill Page No. 01 is =					**576.54**	86.00	**49582.00**
2	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means :A. Lime Concrete, cement concrete grade M-10 and below						Cum	
	Qty as per Premeasurement Recorded vide E-Bill Page No. 02 is =					**4.50**	327.00	**1472.00**
3	Dismantling size stone masonry in clay mortar and stacking the size stone within a radius of 50m and removing the debris to a distance upto 200m.						Cum	
	Qty as per Premeasurement Recorded vide E-Bill Page No. 03 is =					**6.48**	182.00	**1179.00**
4	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications						Cum	
	Qty as per Premeasurement Recorded vide E-Bill Page No. 04 is =					**100.14**	5159.00	**516622.00**
5	Reconstruction of Size stone masonry with available stones in CM 1:6 as per direction of the Engineer-in-charge of work						Cum	
	Qty Vide Item No. 3					6.48		
	Total Qty =					**6.48**	2701.00	**17502.00**
6	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications						Cum	
	Qty as per Premeasurement Recorded vide E-Bill Page No. 05 is =					**1.62**	4521.00	**7324.00**

Assistant Engineer

Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore

Assistant Executive Engineer

Sl. No	Description	No.	L	B	D	Qty	Unit / Rate	Amou
7	Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications						Cum	
	Bottom Concrete							
	Balaji Layout 5th Main Road L/S	1	31.40	0.90	0.15	4.24		
		1	5.00	0.90	0.15	0.68		
		1	30.00	0.90	0.15	4.05		
		1	7.30	0.90	0.15	0.99		
	Balaji Layout 5th Main R/S	1	25.70	0.90	0.15	3.47		
	Balaji Layout 4th Cross R/S	1	30.00	0.90	0.15	4.05		
		1	28.70	0.90	0.15	3.87		
		1	30.00	0.90	0.15	4.05		
		1	31.00	0.90	0.15	4.19		
	Balaji Layout 4th Main Road R/S	1	26.50	0.90	0.15	3.58		
	Balaji Layout 3rd Main Road L/S	1	25.10	0.90	0.15	3.39		
	Balaji Layout 2nd Main Road L/S	1	26.90	0.90	0.15	3.63		
	Balaji Layout 4th Cross Road L/S	1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	24.00	0.90	0.15	3.24		
	Balaji Layout 6th Cross From Sarovara Layout Main Road R/S	1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	20.00	0.90	0.15	2.70		
	Side Wall							
	Balaji Layout 5th Main Road L/S	2	31.40	0.15	0.60	5.65		
		2	5.00	0.15	0.60	0.90		
		2	30.00	0.15	0.60	5.40		
		2	7.30	0.15	0.60	1.31		
	Balaji Layout 5th Main R/S	2	25.70	0.15	0.60	4.63		
	Balaji Layout 4th Cross R/S	2	30.00	0.15	0.60	5.40		
		2	28.70	0.15	0.60	5.17		
		2	30.00	0.15	0.60	5.40		
		2	31.00	0.15	0.60	5.58		
	Balaji Layout 4th Main Road R/S	2	26.50	0.15	0.60	4.77		
	Balaji Layout 3rd Main Road L/S	2	25.10	0.15	0.60	4.52		
	Balaji Layout 2nd Main Road L/S	2	26.90	0.15	0.60	4.84		
	Balaji Layout 4th Cross Road L/S	2	30.00	0.15	0.60	5.40		
		2	30.00	0.15	0.60	5.40		
		2	30.00	0.15	0.60	5.40		
		2	30.00	0.15	0.60	5.40		
		2	24.00	0.15	0.60	4.32		
	Balaji Layout 6th Cross From Sarovara Layout Main Road R/S	2	30.00	0.15	0.60	5.40		
		2	30.00	0.15	0.60	5.40		
		2	30.00	0.15	0.60	5.40		
		2	30.00	0.15	0.60	5.40		
		2	30.00	0.15	0.60	5.40		
		2	20.00	0.15	0.60	3.60		
			Total Qty =			192.65		
			Qty Limited to =			187.97	6371.00	1197557.00

R.F.C. 25/09 R.B. (W.No.2)

R.F.C. 25/09 R.B. (W.No.2)

Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.

Assistant Executive Engineer Kodigehalli Sub Division

Assistant Engineer

Assistant Executive Engineer

	Description	No.	L	B	D	Qty	Unit / Rate	Amount
8	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, ho ng, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500						Tonne	
	Qty as per Premeasurement Recorded vide E-Bill Page No. 06 is =					**9.40**	64243.00	**603884.00**
9	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications						Sqm	
	Qty as per Premeasurement Recorded vide E-Bill Page No. 07 is =					**1454.40**	400.00	**581760.00**
10	Providing and fixing pre cast **RCC precast cover slab of 100mm thick** for drain in cment concrete M20 using graded jelly 20 mm and down size with steel reinforcement, including form work, lift charges, curing and concrete ,finished surfaces on both sides, transportation, loading unloading, etc.,complete as per the direction of engineer in charge - Data rate						Sqm	
	Balaji Layout 5th Main Road L/S	1	25.00	0.90		22.50		
		1	5.00	0.90		4.50		
		1	26.00	0.90		23.40		
		1	7.30	0.90		6.57		
	Balaji Layout 5th Main R/S	1	25.70	0.90		23.13		
	Balaji Layout 4th Cross R/S	1	16.00	0.90		14.40		
		1	24.00	0.90		21.60		
		1	19.00	0.90		17.10		
		1	12.00	0.90		10.80		
	Balaji Layout 4th Main Road R/S	1	14.00	0.90		12.60		
	Balaji Layout 3rd Main Road L/S	1	15.00	0.90		13.50		
	Balaji Layout 2nd Main Road L/S	1	20.00	0.90		18.00		
	Balaji Layout 4th Cross Road L/S	1	19.00	0.90		17.10		
		1	26.00	0.90		23.40		
		1	22.00	0.90		19.80		
		1	18.00	0.90		16.20		
		1	16.00	0.90		14.40		
	Balaji Layout 6th Cross From Sarovara Layout Main Road R/S	1	22.00	0.90		19.80		
		1	25.00	0.90		22.50		
		1	18.00	0.90		16.20		
		1	22.00	0.90		19.80		
		1	16.00	0.90		14.40		
		1	10.00	0.90		9.00		
	Total Qty =					**380.70**		
	Qty Limited to =					**380.10**	1200.00	**456120.00**
11	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications.						Cum	
	Ramp							
	Balaji Layout 5th Main Road L/S	1	31.40	0.30	0.10	0.94		
		1	5.00	0.30	0.10	0.15		
		1	30.00	0.30	0.10	0.90		
		1	7.30	0.30	0.10	0.22		
	Balaji Layout 5th Main R/S	1	25.70	0.30	0.10	0.77		
	Balaji Layout 4th Cross R/S	1	30.00	0.30	0.10	0.90		
		1	28.70	0.30	0.10	0.86		
		1	30.00	0.30	0.10	0.90		
		1	31.00	0.30	0.10	0.93		
	Balaji Layout 4th Main Road R/S	1	26.50	0.30	0.10	0.80		
	Balaji Layout 3rd Main Road L/S	1	25.10	0.30	0.10	0.75		
	Balaji Layout 2nd Main Road L/S	1	26.90	0.30	0.10	0.81		

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Assistant Executive Engineer

Sl. No	Description	No.	L	B	D	Qty	Unit / Rate	Amount
	Balaji Layout 4th Cross Road L/S	1	30.00	0.30	0.10	0.90		
		1	30.00	0.30	0.10	0.90		
		1	30.00	0.30	0.10	0.90		
		1	30.00	0.30	0.10	0.90		
		1	24.00	0.30	0.10	0.72		
	Balaji Layout 6th Cross From Sarovara Layout Main Road R/S	1	30.00	0.30	0.10	0.90		
		1	30.00	0.30	0.10	0.90		
		1	30.00	0.30	0.10	0.90		
		1	30.00	0.30	0.10	0.90		
		1	30.00	0.30	0.10	0.90		
		1	20.00	0.30	0.10	0.60		
	Culvert Coping							
	5th Main Balaji Layout	2	6.00	0.45	0.10	0.54		
	6th Cross Balaji Layout	2	5.00	0.45	0.10	0.45		
	Sarovara Layout Main Road	2	6.00	0.45	0.10	0.54		
				Total Qty =		19.88		
				Qty Limited to =		19.53	5767.00	112630.00
12	Providing and fixing pre cast **RCC precast cover slab of 250mm thick** for **Culverts** in cment concrete M20 using graded jelly 20 mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides, transportation, loading unloading, etc.,complete as per the direction of engineer in charge - Data rate						Sqm	
	5th Main Balaji Layout	10	1.50	0.60		9.00		
	6th Cross Balaji Layout	8	1.50	0.60		7.20		
	Sarovara Layout Main Road	10	1.50	0.60		9.00		
				Total Qty =		25.20		
				Qty Limited to =		22.50	3000.00	67500.00
13	Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications.						Sqm	
				Qty Vide Item No. 1		576.54		
				Total Qty =		576.54	106.00	61113.00
	Sub Total							3674245.00
	GST @ 12%							440909.00
							Total	4115154.00

Rupees Forty One Lakh(s) Fifteen Thousand One Hundred Fifty Four Only 3674245.00

Assistant Engineer
Ward No. 08

Assistant Executive Engineer
Kodigehalli Sub Division

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASUREMENT SHEET

PRE-MEASUREMENT

Name of work: Construction of Drain and Improvements of Culverts at Hebbal Sarovara Layout in Ward No. 08, Kodigehalli.

Estimated Cost : Rs. 40.00 Lakhs

Job Code: 008-18-000072

Head of Account : P-1771

Name of Agency: Sri N.M Shivakumar, # 07, 2nd Block, Juganahalli, Rajajinagara, Bangalore - 10.

Work order No: BBMP/EE/BTP/WO/204/2019-20 Dated: 14-02-2020.

Date of Recording:

Sl. No	Description	No.	L	B	D	Qty	Unit / Rate
1	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.						Cum
	For RCC Drain						
	Balaji Layout 5th Main Road L/S	1	31.40	1.10	0.90	31.09	
		1	5.00	1.10	0.90	4.95	
		1	30.00	1.10	0.90	29.70	
		1	7.30	1.10	0.90	7.23	
	Balaji Layout 5th Main R/S	1	25.70	1.10	0.90	25.44	
	Balaji Layout 4th Cross R/S	1	30.00	1.10	0.90	29.70	
		1	28.70	1.10	0.90	28.41	
		1	30.00	1.10	0.90	29.70	
		1	31.00	1.10	0.90	30.69	
	Balaji Layout 4th Main Road R/S	1	26.50	1.00	0.90	23.85	
	Balaji Layout 3rd Main Road L/S	1	25.10	1.00	0.90	22.59	
	Balaji Layout 2nd Main Road L/S	1	26.90	1.00	0.90	24.21	
	Balaji Layout 4th Cross Road L/S	1	30.00	1.00	0.90	27.00	
		1	30.00	1.00	0.90	27.00	
		1	30.00	1.00	0.90	27.00	
		1	30.00	1.00	0.90	27.00	
		1	24.00	1.00	0.90	21.60	
	Balaji Layout 6th Cross From Sarovara Layout Main Road R/S	1	30.00	1.10	0.90	29.70	
		1	30.00	1.10	0.90	29.70	
		1	30.00	1.10	0.90	29.70	
		1	30.00	1.00	0.90	27.00	
		1	30.00	1.00	0.90	27.00	
		1	20.00	1.00	0.90	18.00	
					Total Qty =	578.26	
					Qty Limited to =	576.54	

Assistant Engineer
Ward No. 08

Assistant Executive Engineer
Kodigehalli Sub Division

Assistant Executive Engineer.
Kodigehalli Sub Division.
Yelahanka Z... B.B.M.P
Bang...

Sl. No	Description	No.	L	B	D	Qty	Unit / Ra
	Date of Recording:						
2	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means :A. Lime Concrete, cement concrete grade M-10 and below						Cum
	Existing Culverts						
	5th Main Balaji Layout	1	6.00	1.50	0.15	1.35	
	6th Cross Balaji Layout	1	5.00	1.50	0.20	1.50	
	Sarovara Layout Main Road	1	6.00	1.50	0.20	1.80	
				Total Qty =		**4.65**	
				Qty Limited to =		**4.50**	

Assistant Engineer
Ward No. 08

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Assistant Executive Engineer
Kodigehalli Sub Division

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

No	Description	No.	L	B	D	Qty	Unit / Rate
	Date of Recording:						
3	Dismantling size stone masonry in clay mortar and stacking the size stone within a radius of 50m and removing the debris to a distance upto 200m.						Cum
	5th Main Balaji Layout	2	6.00	0.60	0.40	2.88	
	6th Cross Balaji Layout	2	5.00	0.60	0.40	2.40	
	Sarovara Layout Main Road	2	6.00	0.60	0.40	2.88	
			Total Qty =			**8.16**	
			Qty Limited to =			**6.48**	

Assistant Engineer
Ward No. 08

Assistant Executive Engineer
Kodigehalli Sub Division

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Sl. No	Description	No.	L	B	D	Qty	Unit / Ra
	Date of Recording:						
4	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications						Cum
	For RCC Drain						
	Balaji Layout 5th Main Road L/S	1	31.40	1.10	0.15	5.18	
		1	5.00	1.10	0.15	0.83	
		1	30.00	1.10	0.15	4.95	
		1	7.30	1.10	0.15	1.20	
	Balaji Layout 5th Main R/S	1	25.70	1.10	0.15	4.24	
	Balaji Layout 4th Cross R/S	1	30.00	1.10	0.15	4.95	
		1	28.70	1.10	0.15	4.74	
		1	30.00	1.10	0.15	4.95	
		1	31.00	1.10	0.15	5.12	
	Balaji Layout 4th Main Road R/S	1	26.50	1.00	0.15	3.98	
	Balaji Layout 3rd Main Road L/S	1	25.10	1.00	0.15	3.77	
	Balaji Layout 2nd Main Road L/S	1	26.90	1.00	0.15	4.04	
	Balaji Layout 4th Cross Road L/S	1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	24.00	1.00	0.15	3.60	
	Balaji Layout 6th Cross From Sarovara Layout Main Road R/S	1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.10	0.15	4.95	
		1	20.00	1.10	0.15	3.30	
	Culverts						
	5th Main Balaji Layout	1	6.00	1.80	0.15	1.62	
	6th Cross Balaji Layout	1	5.00	1.80	0.15	1.35	
	Sarovara Layout Main Road	1	6.00	1.80	0.15	1.62	
			Total Qty =			**100.37**	
			Qty Limited to =			**100.14**	

Assistant Engineer
Ward No. 08

Assistant Executive Engineer
Kodigehalli Sub Division

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

No	Description	No.	L	B	D	Qty	Unit / Rate
	Date of Recording:						
6	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications						Cum
	Culverts						
	5th Main Balaji Layout	2	6.00	0.45	0.20	1.08	
	6th Cross Balaji Layout	2	5.00	0.45	0.20	0.90	
	Sarovara Layout Main Road	2	6.00	0.45	0.20	1.08	
				Total Qty =		**3.06**	
				Qty Limited to =		**1.62**	

Assistant Engineer
Ward No. 08

Assistant Executive Engineer
Kodigehalli Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Sl. No	Description	No.	L	B	D	Qty	Unit / Ra
	Date of Recording:						
8	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500						Tonne
		Nos	**L**	**M**	**Kg/m**	**Kgs**	
	10 mm	492	2.20	1082.40	0.62	671.09	
	8 mm	14	73.70	1031.80	0.39	402.40	
	10 mm	172	2.20	378.40	0.62	234.61	
	8 mm	14	25.70	359.80	0.39	140.32	
	10 mm	961	2.20	2114.20	0.62	1310.80	
	8 mm	14	144.00	2016.00	0.39	786.24	
	10 mm	470	2.20	1034.00	0.62	641.08	
	8 mm	14	61.00	854.00	0.39	333.06	
	10 mm	207	2.20	455.40	0.62	282.35	
	8 mm	14	26.90	376.60	0.39	146.87	
	10 mm	192	2.20	422.40	0.62	261.89	
	8 mm	14	28.70	401.80	0.39	156.70	
	10 mm	194	2.20	426.80	0.62	264.62	
	8 mm	14	25.10	351.40	0.39	137.05	
	10 mm	251	2.20	552.20	0.62	342.36	
	8 mm	14	30.00	420.00	0.39	163.80	
	10 mm	221	2.20	486.20	0.62	301.44	
	8 mm	14	26.50	371.00	0.39	144.69	
	10 mm	1288	2.20	2833.60	0.62	1756.83	
	8 mm	14	170.00	2380.00	0.39	928.20	
						9406.41	
			Total Qty =			**9.41**	
			Qty Limited to =			**9.40**	

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Assistant Engineer
Ward No. 08

Assistant Executive Engineer
Kodigehalli Sub Division

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

No	Description	No.	L	B	D	Qty	Unit / Rate
	Date of Recording:						
9	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications						Sqm
	Centering						
	Balaji Layout 5th Main Road L/S	4	31.40		0.60	75.36	
		4	5.00		0.60	12.00	
		4	30.00		0.60	72.00	
		4	7.30		0.60	17.52	
	Balaji Layout 5th Main R/S	4	25.70		0.60	61.68	
	Balaji Layout 4th Cross R/S	4	30.00		0.60	72.00	
		4	28.70		0.60	68.88	
		4	30.00		0.60	72.00	
		4	31.00		0.60	74.40	
	Balaji Layout 4th Main Road R/S	4	26.50		0.60	63.60	
	Balaji Layout 3rd Main Road L/S	4	25.10		0.60	60.24	
	Balaji Layout 2nd Main Road L/S	4	26.90		0.60	64.56	
	Balaji Layout 4th Cross Road L/S	4	30.00		0.60	72.00	
		4	30.00		0.60	72.00	
		4	30.00		0.60	72.00	
		4	30.00		0.60	72.00	
		4	24.00		0.60	57.60	
	Balaji Layout 6th Cross From Sarovara Layout Main Road R/S	4	30.00		0.60	72.00	
		4	30.00		0.60	72.00	
		4	30.00		0.60	72.00	
		4	30.00		0.60	72.00	
		4	30.00		0.60	72.00	
		4	20.00		0.60	48.00	
				Total Qty =		**1467.84**	
				Qty Limited to =		**1454.40**	

Assistant Executive Engine
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Yelahanka Zone, B.B.M.P
Bangalore.

Assistant Engineer
Ward No. 08

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Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.